

964 CANADA EAST

AT THE

INTERNATIONAL EXHIBITION

LONDON, 1862.

A DESCRIPTIVE CATALOGUE

OF THE

MINERAL AND AGRICULTURAL PRODUCTS,
WOODS, AND MANUFACTURED ARTICLES, ETC.

ON EXHIBITION FROM

EASTERN CANADA.

WITH

A LIST OF THE AWARDS

OF

"MEDALS" AND "HONORABLE MENTIONS".

TO

CANADIAN EXHIBITORS.

О П И С А Н И Е

ИЗВЕЩАНИЕ

ОБЪЕДИНЕННЫМЪ

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LONDON:

G. NORMAN, PRINTER, MAIDEN LANE, COVENT GARDEN.

ИЗВЕЩАНИЕ

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PRODUCTS OF CANADA EAST,

EXHIBITED AT THE

INTERNATIONAL EXHIBITION, 1862.

N.B.—The names of Exhibitors to whom *Medals* and *Honourable Mentions* were awarded by the International Juries have the letters **M** and **H M** respectively prefixed.

OBJECT.	EXHIBITED BY	LOCALITY AND REMARKS.
1. Economic Minerals, Rocks, Metallic Ores, Metals, &c. &c.		
Bog iron ore	M —A. La Rue and Co., Three Rivers	Procured from the neighbourhood of the St. Maurice and Batiscan Rivers for the Radnor forges; about 2000 tons annually produced.
3 pieces ready for furnace		
Washed bog ore		
Slag from the smelting		
5 qualities of pig iron, one piece re-cast		
1 railway wheel		
3 nail rods		
Horse-shoe nails		
Piece scythe iron	Geological Survey of Canada	<i>Hull</i> , Lot 11, range 7; and <i>Grenville</i> , Lot 3, range 3. <i>Vaudreuil</i> ,—contains 50 per cent of iron. <i>St. Vallier</i> , county Bellechasse. <i>Sutton</i> , Eastern Townships, Lot 9, range 11, and Lot 6, range 9.—20 to 50 per cent of iron. <i>Brome</i> , Eastern Townships, Lot 3, range 1.—40 per cent. <i>Sutton</i> , Eastern Townships, Lot 9, range 9.—38 per cent. <i>Indian Cove</i> , Gaspé.
" " hammered		
1 pair railway wheels that have run 150,000 miles		
<i>Specimens, magnetic iron ore.</i>		
Specimens, bog iron ore		
" "		
Specimens, red hematite		
Specimens of hematite		
Magnetic iron ore		
Galena, undressed lead ore } Hand-picked prills	C. C. Gloster, Gaspé	
Undressed lead ore	James Wright and Co.	<i>Upton</i> , Eastern Townships. <i>St. Urbain</i> ,—composed of oxide titanium, of iron, and magnesia. <i>Upton</i> , Eastern Townships, Lot 51, range 20.—14 per cent. <i>Bissonette's mine</i> , <i>Upton</i> , Eastern Townships, Lot 49, range 20.—10 per cent.
Specimen of ilmenite	Geological Survey of Canada	
Yellow sulphuret of copper	G. B. Moore and Co.	
" "	Geological Survey of Canada	

OBJECT.	EXHIBITED BY	LOCALITY AND REMARKS.
Minerals, &c.—continued.		
Variegated sulphuret copper	H M —W. H. A. Davies, and C. Dunkin . . .	Acton Mine, <i>Acton</i> , Eastern Townships, Lot 32, range 3, about 17 per cent of copper.
" " jigged .		
" " rough		
dressed		
" " tye work		
Waste from the tyes		
Polished slab of the ore		
Rock of the country		
Plan of the mine.		
Sulphurets of copper . . .	Pomroy, Adams, and Co., Sherbrooke, Eastern Townships . . .	Wickham Mine, <i>Wickham</i> , Eastern Townships, Lot 15, range 10—30 per cent.
Plan of the mine, by Messrs. Willson and Robb . . .		
Yellow sulphuret of copper	Pomroy, Adams, and Co., Sherbrooke, Eastern Townships . . .	Yale's Mine, <i>Durham</i> , Eastern Townships, Lot 21, range 7, supposed to belong to the same band as the Acton Mine
Plan of the mine by Willson and Robb . . .		
Yellow sulphuret of copper	Shaw, Bignol and Hunt, <i>Quebec</i> . . .	Black River Mine, <i>St. Flavien</i> .
Variegated and vitreous sul- phuret of copper . . .	M —English and Cana- dian Mining Co., Que- bec . . .	Harvey's Hill mine, <i>Leeds</i> , Eastern Townships, Lot 13, range 15.
" from lowest bed		
" from highest bed		
" dressed		
Plan of the mine.		
Yellow sulphuret of copper	Flowers, Mackie and Co.	St. Francis Mine, <i>Cleveland</i> , Eastern Townships, Lot 25, range 12.
Plan of mine, by Willson and Robb.		
Variegated and vitreous sul- phurets of copper . . .	Griffiths and Brothers, Sherbrooke, E. T. . .	Jackson's Mine, <i>Cleveland</i> , Eastern Townships, Lot 26, range 13.
Variegated sulphurets of cop- per	Flowers, Mackie and Co.	Coldspring Mine, <i>Melbourne</i> , Eastern Townships, Lot 6, range 2.
Plan of mine by Willson and Robb.		
Variegated and vitreous sul- phurets of copper, from a bed.	H M —Sweet and Co., North Sutton, E. T.	Sweet's Mine, <i>Sutton</i> , Eastern Townships, Lot 8, range 10.
Plan of " mine, by " Mr. Rich- ardson.		
Vitreous sulphuret, with green carbonate of copper	G. D. Robertson and Co.	Craig's Mine, <i>Chester</i> , Eas- tern Townships, Lot 8, range 5.
Sulphurets of copper. . .	Geological Survey of Can- ada.	Nicolet Branch Mine, <i>Ham</i> , Eastern Townships, Lot 28, range 4, abundant water power near, for crushing and dressing the ore.
Copper pyrites with iron. .	" "	<i>Garthby</i> , Eastern Townships, Lot 22, range 1.
Yellow sulphuret of copper from a bed.	H M —Tho. McCaw, Len- noxville, E. T.	Haskell Hill Mine, <i>Ascot</i> , Eastern Townships, Lot 8,

REMARKS.

REMARKS.	OBJECT.	EXHIBITED BY	LOCALITY AND REMARKS.
on, Eastern 32, range 3, t of copper.	Minerals, &c.—continued. Plan of mine, by Willson and Robb.		range 8, Ore from this mine without any dressing, has been sent to Boston, and yielded on an average about 8 per cent. pure copper
Wickham, ps, Lot 15, r cent.	Sulphuret of nickel . . .	Geological Survey of Ca- nada.	Orford, Eastern Townships, Lot 6, range 12.
am, Eastern 21, range 7, ong to the the Acton	Native gold	" "	Fief St. Charles, C. E. —
St. Flavien.	Stream gold in nuggets . .	" "	Nine, among the nuggets,
ine, Leeds, ps, Lot 13,	Stream gold in dust . . .	" "	weigh from 10 dwts. to 126 dwts.
Cleveland, ps, Lot 25,	Stream gold—a nugget with quartz	" "	Vaudreuil, C. E.—the nugget weight 80 dwts.
Cleveland, ps, Lot 26,	Auriferous blende . . .	" "	Rapids of the Chaudiere, C.
Melbourne, ps, Lot 6,	Grains of gold in bitter-spar	" "	E.—Occurs in a vein with galena, &c., the vein from 2 to 3 feet thick.
n, Eastern range 10.	Grains of Platinum and of Iridosmine	" "	Leeds, Eastern Townships, Lot 15, range 14.
ster, Eas- Lot 8,	Chromic iron	" "	Fief St. Charles, C. E.—Se- parated from gold dust found in the drift.
ne, Ham, ps, Lot 28, ant water crushing ore.	Chromic iron	" "	Mt. Albert, Gaspé.
owships,	Specimen of chromic iron .	" "	Ham, Eastern Townships, Lot 4, range 2—the bed 14 inches thick.
e, Ascot, ps, Lot 8,	Specimen of chromic iron .	Benj. Walton, Montreal	Bolton, Eastern Townships, Lot 23, range 6.
	Molybdenite	" "	Melbourne, Eastern Town- ships, Lot 23, range 6.
	Dolomite	" "	Quetachoo river, Manicouagan Bay, C.E.
	Magnesite	" "	Brome, Eastern Townships, Lot 16, range 11.
	Magnesite	" "	Sutton, Eastern Townships, Lot 12, range 7.
	Soapstone (steatite) . . .	" "	Bolton, Eastern Townships, Lot 17, range 9.
	Cut specimens of soapstone	" "	Bolton, Eastern Townships, Lot 24, range 4.
	Potstone (compact chlorite)	" "	Sutton, Eastern Townships, Lot 12, range 7.
	Uncut specimens mica rock	" "	Bolton, Eastern Townships, Lot 26, range 2.
	Cut and dressed plates, mica and crystals of do. . . .	" "	Shipton, Eastern Townships, Lot 18, range 5.
	Specimen of plumbago . .	Russell and Co.	Grenville.
	Specimen of plumbago . .	Geological Survey of Ca- nada	Pointe du Chêne Graphite Mine, Argenteuil, C.E.
	Specimen of plumbago . .	A. Cowan	Grenville, C.E.
	Asbestos from a vein . .	Geological Survey of Ca- nada	Lochaber, C.E.
			St. Joseph, C.E.

OBJECT.	EXHIBITED BY	LOCALITY AND REMARKS.
Minerals, &c.—continued.		
Specimen of clay and pottery made from do.	Michael Finley, Quebec	St. Foy, near Quebec.
Cube foot of dressed limestone	C. E. Cheeseman, Phillipsburg	Phillipsburg, St. Armand.
Do. " "	Geological Survey of Canada	Caughnawaga, C.E.
Do. " "	" "	St. Dominique.
Do. " "	" "	Pointe Claire.
Do. " "	" "	Montreal.
Do. " "	" "	Chevotriere
A foot cube of dressed sandstone	" "	Augmen. of Grenville.
Do. " "	" "	Quin's Point.
A foot cube of dressed Labradorite	" "	Abercrombie.
A foot cube of dressed gneiss	H. O'Donnell, Quebec	Jeune Lorette.
Do. " "	Geological Survey of Canada	Grenville.
A foot cube of dressed syenite	" "	Grenville.
Do. " "	" "	Grenville.
A foot cube of dressed granite	" "	St. Joseph.
Do. " "	" "	Barnston, Eastern Townships.
Yellowish white marble	" "	Grenville, C.E.
Spotted green and white marble	" "	Aug. of Grenville, C.E.
White marble . . .	C. R. Cheeseman, Phillipsburg	Phillipsburg, St. Armand.
White marble . . .		
White and green marble .		
Dove-grey marble . . .	Geological Survey of Canada	St. Armand.
Black marble . . .	" "	St. Joseph.
Red and veined marble . .	" "	Caughnawaga.
Grey marble . . .	" "	St. Dominique.
Grey and red spotted marble	" "	Esquimaux Island.
Dove-grey marble . . .	" "	Pointe Claire.
Drab marble . . .	" "	Montreal.
Brownish black marble . .	" "	
Greenish black marble . .	" "	
Grey marble . . .	" "	
Do. . . .	" "	
Specimen of cream-white marble, striped with yellow	" "	Dudawell, Eastern Townships, Lot 23, range 7. Excellent and beautiful marbles obtainable here. The dark grey sometimes resembles the Portor marble from Italy. The streaked and spotted are thought by some to excel the celebrated <i>Egyptian</i> .
Dark grey and yellowish marble	" "	Orford, Eastern Townships, Lot 6, range 13.
Fawn, yellow, and white marble	" "	
Brecciated and green serpentine marble	" "	Orford, Eastern Townships, Lot 12, range 8.
Light green marble . . .	" "	
Dark green, and striped marble	" "	

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OBJECT.	EXHIBITED BY	LOCALITY AND REMARKS.
Minerals, &c.—continued.		
Green and white serpentine marble	Benj. Walton, Montreal	<i>Melbourne</i> , Eastern Townships, Lot 20, range 5.
Dark and light green serpentine marble		
Brecciated green serpentine marble	Geological Survey of Canada	<i>Melbourne</i> , Eastern Townships, Lot 20, range 5.
Brecciated green serpentine marble with white veins	" "	St. Joseph.
Specimens of roofing slate	M—B. Walton, Montreal	<i>Melbourne</i> , Eastern Townships, Lot 32, range 6. Excellent slate, equal to the best Welsh and French. Supplied in upwards of 20 different sizes for roofing, and placed on the railroad cars at prices from 2 to 4 dollars per square of 100 feet. Far less costly for roofing than tin or iron, and only about one-third more than common wooden shingles.
Specimens of roofing slate	Geological Survey of Canada	<i>Orford</i> , Eastern Townships, Lot 2, range 5.
Do. "	" "	<i>Tring</i> , Eastern Townships.
Do. "	" "	<i>Kingsey</i> , Eastern Townships, Lot 4, range 1.
Do. "	" "	<i>Cleveland</i> , Eastern Townships, Lot 6, range 15.
Raw cement stone	" "	Hull, C. E.
Do. "	" "	Magdalen River.
Raw limestone	" "	Montreal.—About 270,000 bushels per annum manufactured—price about 8d. sterling per bushel.
Prepared lime	" "	St. Jean.—About 2,000,000 have been made there in a year.
Red bricks	" "	Montreal.—6,000,000 annually, at 5s to 6s per 1000.
Common red bricks	Peel & Compte, Montreal	Montreal.—6,000,000 annually, at prices from 5s to 12s, according to form of brick.—Boaden's machine used.
Common building bricks	H M—Bulmer and Sheppard, Montreal.	Quebec.—Used for main sewers and house drains. More than 150,000 laid in Quebec.—Price, according to diameter, 8d to 4s 6d sterling per linear foot.
Pressed front do.		<i>Stanstead</i> , East Townships, Lot 15, range 1.
Radiating front do.		<i>Hatley</i> , Massawhippi Lake, Eastern Townships.
Circular do.		
Clay used in making sewerage pipe tiles	H. O'Donnell, Quebec	
A six-inch sample of pipe tile		
Cut whetstones	Geological Survey of Canada	
Do. "	"	

OBJECT.	EXHIBITED BY	LOCALITY AND REMARKS.
Minerals, &c.—continued.		
Cut whetstones . . .	Geological Survey of Canada	<i>Bolton</i> , Eastern Townships, Lot 23, range 6.
Do. " . . .	" "	<i>Kingsey</i> , Eastern Townships, Lot 7, range 2.
A Buhrstone, dressed . . .	" "	Grenville, C. E., Lot 3, range 5.
Specimen of marl . . .	" "	Montreal.
Do. " . . .	" "	Anticosti.
Do. " . . .	" "	St. Armand.
Brownish iron ochre . . .	E. Caron . . .	St. Anne de Montmorenci.
Brownish black do.		
Yellow ochre		
Green and yellow ochres . . .	Geological Survey of Canada.	Cap de La Madeleine.
Purple and yellow ochres . . .	" "	Pointe du Lac.
Cut and polished specimens of Labradorite . . .	" "	Abercrombie, C. E.
Cut and polished specimens of Epidosite . . .	" "	Shickshock mountain, Gaspé.
Sandstone, for glass making . . .	" "	Williamstown, Beauharnois.
Specimen of peat . . .	" "	Chambly, C. E.
2. Agricultural Products.		
Half bushel, Canadian barley	Agricult. Society, county Beauharnois.	Grown by John Galbraith.
" two-rowed English barley . . .	" "	" Dugald Thompson
Half bushel, English oats . . .	" "	" David Benning.
" early peas . . .	" "	" Jos. Geudron.
" late do. . . .	" "	" John Brodie.
" autumn rye . . .	" "	" J. B. Feliatreau.
" black sea wheat . . .	" "	" Charles Tait.
" wheat . . .	" "	" — Mc Donald
" flax seed . . .	" "	" M—Celestin Bergeoin.
" Timothy grass seed . . .	" "	" M—Charles Tait.
Half bushel, two-rowed barley	Agricultural Society of Huntingdon . . .	"HM—M. McNaughten, 45 bushels per acre.
" Indian corn . . .	" "	Grown by S. Schlenger, 25 bushels per acre.
" oats . . .	" "	Grown by J. Muir, 80 bushels per acre.
" peas . . .	" "	M—Grown by John Percil, 40 bushels per acre.
" wheat . . .	" "	Grown by P. McFarlane, 25 bushels per acre.
" barley . . .	M—W. Boag, St. Laurent, Montreal . . .	30 minots per arpent.
" beans . . .	" "	
" Indian corn . . .	" "	50 minots per arpent.
" white corn . . .	" "	
" potatoe oats . . .	" "	
" early Canada peas . . .	" "	
" Black Sea wheat . . .	" "	25 minots per arpent.
" buck wheat . . .	" "	

OBJECT.	EXHIBITED BY	REMARKS.
Agricultural Products—continued.		
Samples, Indian corn meal .	<i>W. Boa</i> , St. Laurent, Montreal	
" oat straw . . .	" "	
Half-bushel, barley . . .	<i>P. Beaudry</i> , St. Damase	30 minots per arpent
" Black Sea wheat . . .	<i>F. Beaudry</i> , St. Damase	15 " "
One bushel, barley . . .	H M — <i>James Logan</i> , Petite Côte . . .	
" Horse beans . . .	" "	
" Two rowed maize . . .	" "	
" Oats . . .	" "	
" Spring wheat . . .	" "	
1 crock of butter . . .	" "	
Half-bushel, barley . . .	<i>P. Malo</i> , St. Damase . . .	30 minots per arpent.
" Black Sea wheat . . .	<i>G. Malo</i> , St. Damase . . .	15 " "
" Barley . . .	<i>D. McKinnon</i> , Somersset, Eastern Townships	35 bushels per acre
" Fife wheat . . .	" "	32 " "
" Variety ditto . . .	" "	
Sample, bearded wheat . . .	" "	30 bushels per acre
Half-bushel, barley . . .	<i>Antoine Rocheleau</i> , St. Bruneau	
Samples of flax . . .	" "	
" of wool . . .	" "	
Half-bushel, barley . . .	H M — <i>C. Wilkins</i> , Rougemont . . .	27 min. per arpent
" Indian corn . . .	" "	36 do. "
One box, maple sugar . . .	" "	
Half bushel, Canada beans . . .	M — <i>W. Evans</i> , Montreal	
" Broad Windsor do. . .	" "	
" Dwarf Marrowfat peas . . .	" "	
" White Canada do. . .	" "	
" Black-eyed do. . .	" "	
" Early field do. . .	" "	
" Coffee do. . .	" "	
Half bushel Timothy grass seed . . .	" "	
6 ears Indian corn (white) . . .	" "	
" " (red) . . .	" "	
30 lbs. Maple sugar . . .	M — <i>D. Brown</i> , Cowansville, Eastern Townships	Unrefined, as usually made by farmers
1 Cheese . . .	" "	
Sample, 2 varieties clover . . .	<i>Lyman, Clare, and Co.</i> Montreal . . .	
" Flax seed . . .	" "	
" Timothy grass seed . . .	" "	
One trace, <i>Indian corn</i> . . .	<i>Pierre Martin</i> , St. Laurent	
One bale, <i>hops</i> (1861) . . .	<i>Thos. Dawes and Son</i> , Lachine	
Half bushel, oats . . .	H M — <i>T. Badham</i> , Drummondville, Eastern Townships	
Half bushel, oats . . .	<i>H. Mathieu</i> , St. Hyacinthe	30 min. per arpent.

OBJECT.	EXHIBITED BY	REMARKS.
Agricultural Products—continued.		
Half bushel, peas	<i>Henry Cumming, Megan-tic, Eastern Townships</i>	
Specimen maple sugar	H M —Rev. F. L'Heureux, Verchères	
One box, maple sugar	<i>J. B. Alix, St. Césaire</i>	
Half bushel, buckwheat	<i>L. Brunelle, St. Hyacinthe</i>	50 min. per arpent.
Half bushel, spring wheat	<i>Jas. Drummond, Petite Côte</i>	
Half bushel, wheat	<i>John Drummond, Petite Côte</i>	
Half bushel, wheat	<i>J. Lamonde, St. Damase</i>	15 min. per arpent.
Half bushel, wheat	<i>D. Stewart, Inverness, Eastern Townships</i>	25 bush. per acre.
III. Products of Forests and Waters.		
1. Woods.		
Specimens of 73 varieties, with branches, leaves, and flowers	M — <i>The Abbé Provancher, St. Joachim</i>	The numerals printed on <i>white</i> paper
" of 74 woods	H M — <i>F. F. Prieur, St. Vincent de Paul</i>	" on <i>green</i> paper
" of 71 "	<i>J. B. Le Page, Rimouski</i>	" on <i>yellow</i> paper
" of 73 "	<i>Dr. Dubord, Three Rivers</i>	" on <i>pale rose</i> colour
" of 72 "	<i>David Price, Chicoutimi</i>	" on <i>red</i> paper
" of 72 "	H M — <i>C. E. Coullée</i>	" on <i>blue</i> paper
Specimens of 23 kinds of squared timber, with 20 do. of pine and spruce planks and staves	M —Messrs. Duncan, Pat-ton and Co., Quebec	Collected in the Quebec market
Specimens of sawn woods	H M — <i>Geo. Gingras, Que-bec</i>	
2. Pharmaceutical Products.		
Canada balsam	<i>Mr. Olivier Giroux, Drug-gist, Quebec</i>	Gum of Balsam Fir extracted from Black Spruce, for making Spruce and Beer
Spruce oil	" "	
Extract of spruce . . .	" "	
Canadian Sarsaparilla . .	" "	
Gold thread (<i>Coptis Trifolia</i>)	" "	
Wild endive (<i>Cichorium intybus</i>)	" "	
Canadian Dragon's Blood (<i>Sanguinaria Canadensis</i>) .	" "	
Wild anise root (<i>Anychia Canadensis</i>)	" "	
Ginseng (<i>Panax quinquefo-lium</i>)	" "	
Winter green (<i>Pyrola umbel-lata</i>)	" "	
Capillaire (<i>Adiantum peda-tum</i>)	" "	
Castoreum (in its natural state)	" "	
Cod liver oil	" "	

OBJECT.	EXHIBITED BY	REMARKS.
Products, &c.—continued.		
3. Preserved Fish.		
Smoked Salmon	Messrs. Turgeon and Ouellet, Merchants, Quebec	
Salted Salmon	" "	
Smoked Herring	" "	
Salted Labrador Herring . .	" "	
Salted Herring (from Bay Chaleurs)	" "	
Salted Rimouski Herring . .	" "	
Salted Cod	" "	
Salted Eel	" "	
Salted Sardine	" "	
4. Substances obtained from Cetacea and Fish.		
White porpoise skins . . .	Mr. C. H. Tetu, River	Two sides, undressed.
Skins of seal	Owelle, county of Ka- mouraska. . . .	Two, in their natural state.
Oil of white porpoise . . .	" "	
Oil of shark	" "	
Cod liver oil	" "	
5. Furs.		
Skin of moose deer	Mr. Olivier Côte, of Quebec	Undressed.
Skin of bear	" "	
Skin of red fox	" "	
Skin of black martin . . .	" "	
Skin of beaver	" "	
Skin of pecan	" "	
Skin of racoon	" "	
Skin of mink	" "	
Skin of otter	" "	
Skin of Canadian lynx . . .	" "	
Skin of skunk	" "	
Six skins of musk rats . . .	" "	
Skin of marmot	" "	
6. Birds.		
One case containing 103 spe- cimens of birds found in Canada East	H M—Jas. Thomson, Esq. Montreal	
Specimen of weasel (<i>Mustela vulgaris</i>)	" "	
Red squirrel (<i>Sciurus Hud- sonius</i>)	" "	
IV. Manufactured Articles.		
1. Chemical Products		
1 dozen arctusine	S. J. Lyman and Co., Montreal	
2 lbs. Canadian yellow wax .	" "	
Toilet soap	J. Wheeler, jun. Montreal	In glass case.
2. Substances used for Food.		
2 smoked hams	M—G. Reinhart, Montreal	Prices attached, from 5½d to
2 dried bacon hams	" "	7½d for the ham and bacon;
1 piece smoked beef	" "	10d per lb. for the beef

OBJECT.	EXHIBITED BY	REMARKS.
Manufactured Articles—continued.		
1 piece smoked bacon . . .	G. Reinhart, Montreal .	Prices attached, from 5½d to 7½d for the ham and bacon ;
1 piece dried bacon . . .	" "	10d per lb. for the beef.
2 bologna sausages . . .	" "	From Canadian wild grape ;
2 cases wine . . .	N. Pigeon, Montreal .	price attached 4s 2d per gallon.
Forest wine . . .	Madame Paulet, Montreal	From Canadian wild grape ; price 4s 2d per gallon—1s 8d per bottle.
3. Railway Plant.		
Railway wheels from Radnor forges, St. Maurice . . .	M—A. La Rue and Co., Three Rivers . . .	Have run 150,000 miles in a post office car of the G. T. Railway.
Improved railway wheel, from the Radnor forges . . .	" "	Pattern now in use on G. T. R. and G. W. R. of Canada.
Model of direct action, self-balanced oscillating cylinder	Joshua Lowe, G. T. R. of Canada East . . .	For locomotive, marine, or stationary engine.
4. Carriages.		
A four-wheeled open carriage	Clovis Leduc, Montreal .	Price attached, £90.
5. Manufacturing Machines and Tools.		
Brick and Tile making Machine, small Model of Pug Mill	W. Bawden, Hochelaga, Montreal	
Model of Improved Water Wheel . . .	H M—E. O. Richard, Quebec . . .	
6. Agricultural and Horticultural Machines and Implements.		
An Iron Plough . . .	M—J. Jeffery, Côté de Nieves, Montreal, C. E.	
An Iron Swing Plough . . .	M—J. Paterson, Montreal	Price attached, 10 guineas.
7. Philosophical Instruments and Processes.		
Diagram of mean diurnal changes of temperature, of air and water of the river St. Lawrence . . .	T. D. King, Montreal .	
8. Photography.		
A case containing two portfolios of Photographs .	M—W. Notman, Montreal	The Bird's-eye maple case was made by J. and W. Hilton of Montreal, and silver-mounted by R. Heudery, Montreal. The portfolios are the work of J. Lowell, Montreal. The Portfolios are labelled <i>Canada East</i> and <i>Canada West</i> respectively.

OBJECT.	EXHIBITED BY	REMARKS.
Manufactured Articles—continued.		
9. Surgical Instruments.		
Apparatus for detecting consumption and testing the lungs	G. S. D. Bonald, Medical Student, McGill University, Montreal	With an illustrative diagram.
10. Woollens, &c.		
2 lbs. woollen yarn	M—Mrs. P. Dunphy, St. Malachi	
5 pieces Canadian tweed	M—Wm. Stephen and Co., Montreal	
1 piece Canadian spring tweed	" "	Prices attached, from 2s 6d to 3s 6d per yard.
1 piece of check	" "	
1 piece Etoffe (light)	" "	
11. Paper, Stationery, Printing and Bookbinding.		
1 ream printing paper	Angus and Logan, Montreal	
1 ream Manilla paper	" "	
12. Educational Works and Appliances.		
Collection of 17 School and Text books, printed in Canada	M—Hon. P. O. Chauveau	Approved, according to law now in operation, by the council of Public Instruction, as class books in schools in Lower Canada.
Journal de l'Instruction Publique and Journal of Education for the years 1857, 1858, 1859, 1860 and 1861, 5 sets	" "	The sets are in paper and in cloth boards respectively.
Rapport sur l'Instruction Publique, and Report on Education in Lower Canada for the years 1855, 1856, 1857, 1858, 1859, and 1860	" "	
Acts of the Provincial Parliament concerning Education and Schools in Lower Canada, 2 copies in each language	" "	
3 sizes of desk and seat for schools	" "	Made by W. Allen, Montreal, approved by the Council of Public Instruction and in use in the schools.
12. Furniture, &c.		
Samples of 18 kinds of brooms, whisks, and dusters	M—W. Nelson & Wood, Montreal	Classified as <i>extra</i> and <i>common</i> —prices attached to the latter from 1s 6d to 9s 3d per dozen.

OBJECT.	EXHIBITED BY	REMARKS.
Manufactured Articles—continued.		
13. Iron and General Hardware.		
3 sheets of nail-plate from "Canadian Pig Metal," "Scotch Pig Metal," and "Scrap Iron"	H M—W. H. Snell, Victoria Iron Works, Montreal, C.E.	Puddled
3 pieces of iron, cut ready for nail machine	" "	
A chain of cut nails	" "	Bent when cold, showing their extreme toughness.
14. Pottery.		
Specimen of drain-tiles	M—Missisquoi Tile and Drain Co., C.E.	
15. Manufactures not included in previous classes.		
1 fount of Long Primer, Roman	C. T. Palsgrave, type-founder, Montreal.	Price per lb. attached, 1s 6d
2 type cases	" "	
Stand for cases	" "	
Specimen impression in frame	" "	
Cigars of Canadian manufacture, 9 kinds	P. Henry, Montreal, C.E.	Prices attached; from £5. 3s 8d to £16. 11s 8d per 1000.
16. Architectural Drawings.		
View of the Lower Canada Industrial Exhibition Building at Montreal	J. W. Hopkins, architect, Montreal, C.E.	The Exhibition held during the visit of H.R.H. the Prince of Wales. Frame of inlaid Canadian woods, by J. Guidi, Montreal.
Interior view of a skating rink	Lawford & Nelson, architects, Montreal, C.E.	Erected for the Victoria Skating Club, Montreal.
Photographs of the Liverpool and London Assurance Office, Montreal, and of the new Unitarian church	Hopkins, Lawford and Nelson, architects, Montreal, C.E.	Photographed by Notman, Montreal.
17. Oil Paintings.		
View of the Shawenagan Falls, on the St. Maurice River, Canada East	O. R. Jacobi, Montreal, C.E.	The property of A. J. Pell, by whom the frame was carved and gilt. Price, with frame, 200 guineas.
View on the St. Maurice River, Canada East	" "	The property of A. J. Pell. Price 50 guineas.

NOTE.—The prices are stated in sterling money; and those attached to articles of commerce whose value is fluctuating, were the market prices in Canada in March 1862.

AWARDS TO CANADA

AT THE

INTERNATIONAL EXHIBITION, 1862.

	NAME OF EXHIBITOR AND AWARD.	OBJECT REWARDED, AND REASONS.
CLASS I.	Medal.	
Mining, Quarrying, Metallurgy, and Mineral Products.	Billings, E., of the Geo- logical Survey	For his published decades on Ca- nadian fossils, and his valuable general contributions to palæon- tology.
	English and Canadian Mining Company Eastern Townships, C.E.	For the skill and perseverance with which they have opened their ground, and the discovery of deposits conformable with the stratification.
	Foley and Co. . . .	For plans of mines, ores, and lead, smelted in the colony.
	Hunt, T. Sterry, of Geo- logical Survey	For the instructively - described series of the crystalline rocks of Canada, and his various pub- lished contributions to geological chemistry.
	La Rue and Co., Three Rivers, Canada East.	For excellent cast iron railway wheels from bog iron ore which have run 150,000 miles.
	Montreal Mining Com- pany.	For interesting series of copper ores, accompanied by plans and sections of the workings.
	Taylor, A.	For good specimens of crude and prepared gypsum, with plans and section of the gypsum mines.
	The Officers of the Geo- logical Survey of Ca- nada.	For an admirably prepared collec- tion of specimens, illustrating the mineral resources of the pro- vince.
	Walton, R., Melbourne Eastern Townships, C. E.	For the discovery of good roofing slates.
	West Canada Mining Company.	For specimens and plans illustrating a well worked copper mine.
	Williams, for Canadian Oil Company.	For introducing an important in- dustry by sinking artesian wells in the Devonian Strata for pe- troleum.
	Honorable Mention.	
	Davies, W. H. A., Acton, Eastern Townships, C.E.	For interesting and instructive spe- cimens from a remarkable de- posit.

AWARDS TO CANADA.

	NAME OF EXHIBITOR AND AWARD.	OBJECT REWARDED, AND REASONS.
CLASS I.—continued. Mining, Quarrying, Metallurgy, and Mineral Products.	Hon. Men.—continued. McCaw, T., Ascot, Eastern Townships, C.E.	For fine and instructive specimens of ores, running with the stratification and illustrating the structure of the country.
	Sweet, S. and Co., Sutton, Eastern Townships, C.E.	For fine and instructive specimens of ores, running with the stratification, and illustrating the structure of the country.
CLASS II. SECTION A. Chemical Products.	Medal. Benson and Aspdon	Samples of Indian corn starch. For the excellent quality of samples.
	Canadian Oil Works	For an extensive exhibition of the derivatives of petroleum.
	McNaughton, E. A.	Flour and potato starch—for the excellent quality of samples.
	Pearson, Brothers	For an extensive exhibition of the derivatives of petroleum.
CLASS III. Substances used for Food. SECTION A. Agricultural Produce.	Medal. Agricultural Board of Upper Canada	For samples of wheat from various counties, of excellent quality.
	Agricultural Society of Huntingdon, one medal to grower, Canada East	For peas, 40 bushels per acre, grown by John Percil.
	Agricultural Society of Wellington	For wheat of excellent quality.
	Agricultural Society of Wentworth and Hamilton, (three medals for growers)	For blue-stem wheat grown by J. H. Anderson; for red chaff wheat grown by John Smith; for potatoe oats grown, by A. Gorie. Very superior in quality.
	Boa, W., Canada East	For all his samples in collection.
	Denison, R. L.	Indian corn stalks. For extraordinary growth.
	Evans, W., Canada East	For collection of grains and seeds, excellent and interesting.
	Fleming, J.	For seeds and grains, as excellent and interesting.
	Johnstone, B.	For sample of Soule's winter wheat, of excellent quality.
	Logan, J., Canada East	For spring wheat of excellent quality.
	Peel (County) Agricultural Society—Medal to John Lynch, Secretary	For barley, peas, and two kinds of spring wheat, all of excellent quality.
	Shaw, A.	For rye of excellent quality.
	Agricultural Society of Beauharnois, Canada East (two medals to growers)	For flax seed grown by C. Bergoin; for grass seed grown by C. Tait.
	Wilson, J.	For oatmeal of excellent quality.

AWARDS TO CANADA.

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	NAME OF EXHIBITOR AND AWARD.	OBJECT REWARDED, AND REASONS.
CLASS III. Substances used for Food. SECTION B. Grocery and Preparations of Food.	Honourable Mention. The Agricultural Society of Huntingdon, Canada East	For barley grown by Mr. McNaughton.
	The Agricultural Society of Wentworth and Hamilton	The collection of wheats. Goodness of quality.
	Badham, F., Eastern Townships, Canada East	For oats of good quality.
	Logan, J., Canada East	For barley. Goodness of quality.
	Shaw, A.	For Indian corn and marrowfat peas, excellent quality.
	Wilkins, C., Canada East	Indian corn, goodness of quality.
	Medal. Brown, D., Cowansville, Eastern Townships, Canada East	Maple sugar. Excellence of quality.
	Reinhart, G., Montreal, Canada East	Hams. Excellence of quality.
	Honourable Mention. L'Heureux, Rev. F. L., Canada East	Maple sugar. Illustrative.
	Medal. Blaikie and Alexander Bridge, Andrew	For dressed flax.
CLASS IV. Animal and Vegetable Substances used in Manufactures. SECTION C. Vegetable Substances used in Manufactures.	Eddy, E. B., Ottawa	For a tub on a new principle of construction, exhibiting much taste and ingenuity.
	Ingersoll, C. Lewis	For machine-made wooden pails and tubs—at exceedingly low prices.
	Laurie, James	For a cask constructed on a new and ingenious principle, for five liquids.
	McKee, Hugh	For planks and logs, and 21 named specimens of woods from Ontario district.
	Moore, T.	For a scientifically-named collection of 98 of the woods of the colony, accompanied with leaves, &c.
	Nelson and Wood, of Montreal, Canada East	For a large collection of excellent handles for tools and implements in hickory and other woods.
	Patton, Duncan and Co., Quebec, Canada East	For whisks and brooms of Sorghum straw, at very low prices, from 1s 6d to 6s per dozen.
	Provancher, the Abbé, Canada East	For 19 very fine squared logs of timber.
		For a very extensive, accurately named, and extremely well illustrated collection of the woods of

AWARDS TO CANADA.

	NAME OF EXHIBITOR AND AWARD.	OBJECT REWARDED, AND REASONS.
CLASS IV.—continued. Animal and Vegetable Substances used in Manufactures.	Med.—continued.	the colony, accompanied with dried specimens, useful information, &c.
	Sharp, Samuel . . .	For a magnificent collection of planks, polished slabs, veneers, and a named collection of 26 specimens, all from the Western districts.
	Skead, James . . .	For a magnificent collection of planks, logs, and a scientifically named collection of 37 woods, all from the Ottawa district.
	Van Allen, D. R. . .	For planks and logs, all magnificent specimens, from the Thames district, and 21 scientifically named specimens.
	Trembiseki, A. L. . .	For magnificent logs of white oak, rock elm and hickory.
	Honourable Mention.	
	Bronson, A. . .	For magnificent sections of Strobos and white oak.
	Burrows . . .	For fine sections of "Landrus sas-safras."
	Choate, Jacob . . .	For fine cherry-wood and soft maple plants.
	Coutlée, Canada East . .	For named collection of 72 woods of the colony.
	Gingras, G. Quebec, Canada East . . .	For fine planks of timber.
	Crooks, Miss . . .	For collection of 490 native plants.
	Prieur, F. X., Canada East . . .	For a named collection of 74 woods of the colony.
	Rose, E. H. . .	For a box of very fine black walnut veneers.
CLASS V. Railway Plant.	Medal.	
	La Rue and Co., Three Rivers, Canada East . .	Cast Iron Hollow Wheels. For excellence of material.
	Honourable Mention.	
	Sharp, S. . .	Model of sleeping and freight cars.
CLASS VIII. Machinery in General.	Honourable Mention.	
	Richard, E. O., Quebec, Canada East . . .	Model of water-wheel.
CLASS IX. Agricultural and Horticultural Machines and Implements.	Medal.	
	Gaskin, Capt. P. . .	For his collection of Agricultural tools.
	Jeffry, J., Canada East . .	For his iron plough.
	McSherry, J. . .	For his iron plough.
	Morley, J. . .	For his iron plough.

	NAME OF EXHIBITOR AND AWARD.	OBJECT REWARDED, AND REASONS.
Class IX.—continued. Agricultural and Horticultural Machines and Implements.	Med.—continued. Paterson, J., Montreal, Canada East Whiting and Co. . . . Honourable Mention. Sovereign, L. L. . . . Collard, H. . . .	For his iron plough. For their collection of agricultural tools. For his combined cultivator and drill. For his cultivator.
CLASS X. Civil Engineering, Architectural and Building Contrivances. SECTION A.	Medal. Brown, J. Stephenson, G. R., as representative of his cousin the late R. Stephenson, M.P., F.R.S. Honourable Mention. Bulmer and Sheppard, Montreal, Canada East Gibb, T. Missisquoi Drain Tile Company, Canada East Betts, E. L. Hodges, J. Peto, Sir S. M., Bart., M.P.	For the excellence of manufacture of his hydraulic cement. For the extraordinary boldness of conception and the great ingenuity of the construction of the Victoria Bridge, Montreal, Canada East. For the excellence of their bricks. For the excellence of his white bricks and drain tiles. Drain tiles of good quality. A collective honourable mention for the successful execution of the Victoria Bridge, and for the ingenuity displayed by Mr. Hodges in constructing the coffer-dams for the same.
CLASS XIV. Photography.	Medal. Notman, Montreal, Canada East	For excellence in an extensive series of photographs.
CLASS XXI. Woollen and Worsted, including mixed Fabrics generally.	Medal. Mrs. Dunphy, St. Malachie, Canada East, and W. Stephen and Co., Montreal, Canada East	For the display of woollen goods and hand-spun yarns manufactured in the colony.
CLASS XXIX. Educational Works and Appliances.	Medal. Chauveau, Hon. P. O. Canada East Passmore, S. W. . . . Honourable Mention. Thomson, James, Canada East	For the merit of his educational journals and reports. For his collection of birds and fish. For his collection of birds.

AWARDS TO CANADA.

	NAME OF EXHIBITOR AND AWARD.	OBJECT REWARDED, AND REASONS.
CLASS XXXI. Hardware. SECTION A. Manufactures in Iron.	Honourable Mention. Snell, Victoria Works, Canada East . . .	For good machine-made nails.
CLASS XXXII. SECTION B. Cutlery and Edge Tools.	Medal. Gaskin, Capt. R. . . . Tongue and Co. . . .	Collection of agricultural hand-im- plements. Assortment of edge tools, highly finished.